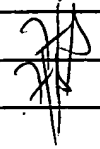

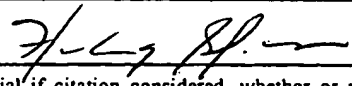
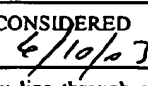


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 106878	APPLICATION NO. 09/559,313	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Toshimitsu MORITAKU et al.		
				FILING DATE April 2, 2000	GROUP 2721	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
7/A		4,712,137	12-1987	KADEKODI et al.		
7/A		5,428,463	6-1995	GOTO		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
7/A		4-337967	5-1991	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER		7/Lg J. [Signature]			DATE CONSIDERED 6/10/03	
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 105938		APPLICATION NO. 09/559,313	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				RECEIVED JUL 23 2002 Technology Center 2600			
				APPLICANT(S) Toshimitsu MORITAKU et al.			
				FILING DATE April 27, 2000		GROUP 2622.	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		4,775,799	10/04/1988	MILCH et al.			
		5,841,554	11/24/1998	HASEGAWA			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		EP 0 663 763 A2	07/19/1995	EUROPE			
		EP 0 271 912 A2	06/22/1988	EUROPE			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
							
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 18, 2002